Quick Start Guide

Cisco Small Business
Models SR216 and SR224
16-Port and 24-Port 10/100 Switches

Package Contents

- SR216 or SR224 Switch
- Power Cord
- Quick Start Guide

1 Product Overview

Thank you for choosing the 16-Port or 24-Port 10/100 Switch. The 16-Port and 24-Port 10/100 Switches provide non-blocking, wire-speed switching for your 10, and 100 Mbps network clients.

Front Panel

The 16-Port and 24-Port 10/100 Switches differ in number of LEDs and ports. Pictured here is the 24-Port Switch; however, the 24-Port Switch is similar in form. The LEDs and ports are located on the front panel of the Switch.

Front Panel of the SR224

System—(Green) This LED lights up and remains lit when the Switch is powered on.

1-16 (SR216) or 1-24 (SR224)—Each LED lights up when a connection is made through the corresponding port. It flashes when the corresponding port is active.

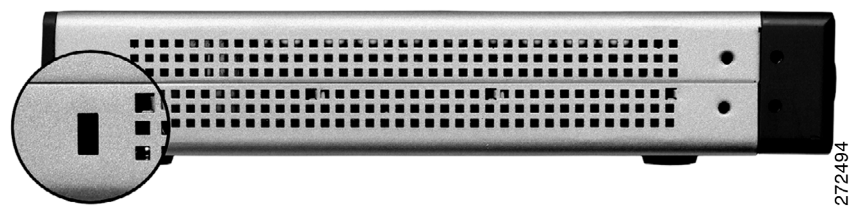
1-16 or 1-24—These ports connect the Switch to network devices, such as computers.

Back Panel

The power port is located on the back panel of the Switch.The power port is where you will connect the included power cord.

Side Panel

The security slot is located on the side panel of the Switch.



The security slot is where you can attach a lock to protect the Switch from theft.

Placement Options

There are three ways to physically install the Switch:

- Set the Switch on its four rubber feet
- Mount the Switch in a standard-sized rack (1U high)
- Wall-mount the Switch using the wall-mount slots

Rack Mount Instruction Tips

- Ambient Temperature—To prevent the switch from overheating, do not operate the switch in an area that exceeds the recommended ambient temperature.
- Reduced Air Flow—If you install the switch in a rack, be sure that there is adequate air flow as required.
- Mechanical Loading—Be sure that the switch is level and stable when you mount the switch in a rack to avoid any hazardous condition.
- Circuit Overloading—Do not overload the power outlet or circuit when installing multiple devices in a rack.
- Reliable Grounding—Be sure that the switch is grounded and use suitable electrical supply connections.

To rack mount the Switch, follow these instructions:

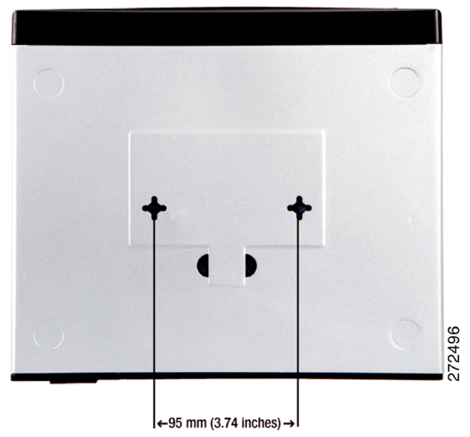
STEP 1 The Switch has four mounting holes on each side. Screw an included mounting bracket into each side.

STEP 2 Place the Switch in the rack, and secure the brackets with additional screws (not included).

To wall-mount the Switch, follow these instructions:

STEP 1 The wall-mount slots are two crisscross slots on the Switch's bottom panel. The distance between the two slots is 95 mm (3.74 inches). Attach two screws to the wall, so that the Switch's wall-mount slots line up with the two screws.

STEP 2 Maneuver the Switch so the screws are inserted into the two slots.



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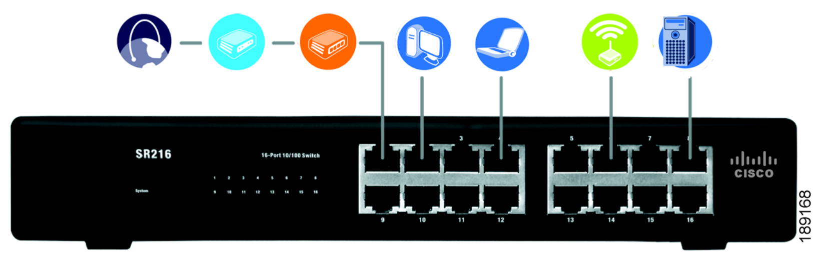
2 Typical Installation Scenario

The application diagram shown is an example of a typical network configuration. This diagram shows the front panel of the SR216 and is used only as a reference.



When you connect your network devices, make sure you don't exceed the maximum cabling distances, listed in the following table.

From	To	Maximum Distance
Switch	Switch	100 meters (328 feet)
Switch	Computer	100 meters (328 feet)

NOTE Use Category 5e Ethernet network cables for your Gigabit connections.

3 Installation

Perform the steps in this section to install the hardware.

STEP 1 Make sure all the devices you will connect to the Switch are powered off.

STEP 2 Connect a Category 5 Ethernet network cable to one of the numbered ports on the Switch. Connect the other end to a PC or other network device.

STEP 3 Repeat step 2 to connect additional devices.

STEP 4 Connect the supplied power cord to the Switch's power port, and plug the other end into an electrical outlet. When connecting power, always use a surge protector.

STEP 5 Power on the devices connected to the Switch. Each active port's corresponding LED will light up on the Switch.

Congratulations! The installation of the 10/100 Switch is complete!

4 Specifications

The following table lists the specifications for the SR216 and SR224 10/100 Switches.

Model	SR216 or SR224
Standards	IEEE 802.3, 802.3u
Ports	SR216: 16 10/100 Mbps RJ-45 ports SR224: 24 10/100 Mbps RJ-45 ports
Cabling Type	Cat5 Ethernet
LEDs	SR216: System, 1 through 16 SR224: System, 1 through 24
Security Feature	Security Slot
Dimensions	WxHxD 11" x 1.75" x 9.45" 279 mm x 45 mm x 240 mm
Unit Weight	0.94 lbs (0.425 kg)
Power	SR216: 3.3V/3A SR224: 3.3V/5A
Certification	FCC Class B, CE
Operating Temperature	32 to 104ºF (0 to 40ºC)
Storage Temperature	-40 to 158ºF (-40 to 70ºC)
Operating Humidy	20% to 95%, noncondensing
Storage Humidy	5% to 90%, noncondensing

5 Where to Go From Here

Resource	Location
Customer Support	www.cisco.com/go/smallbiz
End User License Agreement	www.cisco.com/go/smallbiz
Regulatory Compliance and Safety Information	www.cisco.com/go/smallbiz
Warranty Information	www.cisco.com/go/smallbiz
Cisco Partner Central site for Small Business	www.cisco.com/web/partners/sell/smb/